

EDUCATION

Studies of medicine

Bachelor of Medicine

University of Geneva, Switzerland

Since 2013

Lycée International de Ferney-Voltaire

Baccalauréat scientifique à Option Internationale (19,5/20)

France

2010-2013

German Abitur (1,0 in system of 1-best to 6-worst)

Certificate of advanced English (C.A.E.)

Hobart College

Tasmania, Australia

2011

PAST WORK EXPERIENCE

Project leader

Vlynt, Distributed content delivery network

Geneva, Switzerland

2016-2019

Teacher of physics, chemistry, biology, physiology and anatomy

Med Prep

Geneva, Switzerland

2014-2017

Research and teaching assistant, Anatomy department

Geneva University, Switzerland

2016

DISTINCTIONS

Best Poster Award, Innovation centre, HUG

Geneva, Switzerland

2019

Finalist, START contest

Lausanne, Switzerland

2017

Prize on the internship in general medicine, Faculty of Medicine

Geneva University, Switzerland

2015

Gold medallist, French national Geoscience Olympics

France

2012

EXTRA-CURRICULAR INTERNSHIPS

General surgery and traumatology

Marienkrankenhaus

Cochem, Germany

October-December 2018

Research program for medical students

Lee Lab, Eaton-Peabody Laboratories, Massachusetts Eye & Ear Infirmary

Harvard University, USA

2016&2017

External consultant, Division for foreign economic policy

Federal Foreign Office

Berlin, Germany

October-December 2016

Research program for medical students

Laboratory for neurology and imaging of cognition

Geneva University, Switzerland

July-August 2015

General surgery and anaesthesiology, 4-week internships

Marienkrankenhaus

Cochem, Germany

2012&2014

Conseil Européen de Recherche Nucléaire, 2-week internship

Meyrin, Switzerland

2010

OTHER POSITIONS

Student delegate in the commission for professorial nominations
Faculty of Medicine

Geneva University, Switzerland
Since 2015

Co-founder of Medyas.ch

Geneva, Switzerland
Since 2016

PROJECTS

Construction of a platform for **outpatient-hospital communication**
PHI

Geneva, Switzerland
Since 2018

Machine learning in the prediction of the fate of the ischemic penumbra after stroke *Carrera Lab, HUG and MIP Lab, EPFL*

Geneva, Switzerland
Since 2017

Study on **infection prevention and control** in the Bolivian Altiplano
Professor Didier Pittet and Professor Benedetta Allegranzi
(*WHO & Faculty of Medicine, University of Geneva*)

Bolivia
2016

COMMUNITY INVOLVMENT

Peer reviews for Journals

Stroke: A Journal of Cerebral Circulation

Volunteering

Blood donation campaigns (Geneva University)
HIV awareness campaign
(Lycée International de Ferney-Voltaire)

SKILLS

Languages: German (native), French (native), English (fluent, C1), Spanish (B1)

Computer languages: Javascript, Python, R, Java, Bash Shell Scripting, Matlab, HTML5, CSS

Development skills: Machine Learning, devops, browser and network technologies, project management

INTERESTS: guitar, mathematics, international politics, rock-climbing, backcountry skiing, art and theatre enthusiast

PUBLICATIONS

Julian Klug, Elisabeth Dirren, Giulia Preti, Paolo Machi, Andreas Kleinschmidt, Isabel M. Vargas, Dimitri Van De Ville, Emmanuel Carrera. Integrating regional perfusion CT information to improve prediction of infarction after stroke: *Journal of Cerebral Blood Flow & Metabolism*. June 2020.

Indrit Bègue, Rebekah Blakemore, **Julian Klug**, Yann Cojan, Silvio Galli, Alexandre Berneye, Selma Aybek, Patrik Vuilleumier. Metacognition of visuomotor decisions in conversion disorder. *Neuropsychologia*, Volume 114, June 2018.

Vivek V. Kanumuri, Osama Tarabichi, **Julian Klug**, Nicolas Vachicouras, Maria J. Duarte, Elliott D. Kozin, Stéphanie P. Lacour, M. Christian Brown, Daniel J. Lee. Three-dimensional Surface Reconstruction of the Human Cochlear Nucleus: Implications for the ABI. *Otolaryngology–Head and Neck Surgery*, February 2018.

Vivek V. Kanumuri, **Julian Klug**, Osama Tarabichi, Samuel Barber, Marybeth E. Cunnane, M. Christian Brown, Aaron Remenschneider, Elliott D. Kozin, Daniel J. Lee. Diffusion Tensor Imaging in Candidates for the Auditory Brainstem Implant. Poster presented at *ARO 40th MidWinter Meeting*, February 2017, Baltimore, USA.

Julian Klug, Elisabeth Dirren, Giulia Preti, Paolo Machi, Andreas Kleinschmidt, Isabel M. Vargas, Dimitri Van De Ville, Emmanuel Carrera. Integrating regional perfusion CT information to multiparametric models improves prediction of infarction after stroke. *CIBM 15th Anniversary Event*, October 2019.